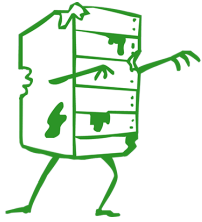
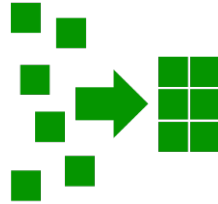


PORTSMOUTH HOSPITALS SAVE TIME AND MONEY WITH TURBONOMIC



Reduced Host Footprint



Improved Resource Efficiency



Maintain Environment in Healthy State

Portsmouth Hospitals NHS Trust

SITUATION

Portsmouth Hospitals NHS Trust is one of the largest acute hospital trusts in the United Kingdom, treating over half a million patients every year. Additionally, the Trust is the second largest employer in Portsmouth and a major provider of training and education to a broad assortment of medical professionals.

Jonathan Murden, IT Infrastructure Manager at Portsmouth Hospitals NHS Trust, is responsible for managing the technical environment and ensuring consistent infrastructure support for the hospitals 7,000 staff. With 350 VMs, the environment utilizes SolarWinds IPAM, NetApp FAS series, Tintri, VMware ESXi, Cisco Prime LAN Management Solution, and Appsense.

“We had been relying on traditional monitoring software to help us address any issues that popped up, but found the recommendations provided to be limited and the insight into the environment entirely lacking,” said Murden.

“Turbonomic has enabled us to better understand our environment and has given us the control to manage it in a more efficient manner. I would recommend it to anyone.”

- Jonathan Murden, IT Infrastructure Manager

The company first came across Turbonomic in 2014 and were originally intrigued by the “what if” planning feature of the product. “We initially looked at Turbonomic for running failover DR scenarios, as we were worried that we had not put enough counter investment into our DR site versus our live environment,” said Murden. “Beyond that though we straightaway discovered that we could do so much more around managing our VMware environment and intelligent utilization of resources. We actually have been able to remove physical hosts and have reduced our host footprint by 15%.”

COMPANY

Portsmouth Hospitals NHS Trust

www.porthosp.nhs.uk

CHALLENGES

- Inability to guarantee performance of mission-critical applications in complex virtual environment with existing tools
- Inability to plan for VM provisioning in DR

TURBONOMIC SOLUTION

- Turbonomic intelligently and automatically senses changes to application demand and adjusts infrastructure supply in real-time to improve utilization and ensure service delivery

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Turbonomic was able to identify spare hosts that could be removed from the cluster to maximize the efficiency of the infrastructure, ultimately minimizing license use and reducing the company's VMware support costs. "It has massively helped us to reduce future recurring costs," said Murden.

Additionally, the software correctly sized the VMs that the suppliers had originally over-spec'd, resulting in decreased use of host resources and, thus, improved performance.

"For the future we are hoping to automate sizing during certain time windows," said Murden. "We know there is so much more that we could be doing with the product."

UTILIZING THE COMMUNITY

"We use the Green Circle Community as a reference source," said Murden. "We have already referred to articles around manually configuring storage and licensing issues. It has been a very helpful asset."

RESULTS

- *Intelligently controlled virtualized workloads for improved performance across diverse environment*
- *Improved infrastructure utilization*
- *Removed storage bottlenecks*
- *Ability to accurately plan for DR scenarios*
- *Maintained healthy environment*

"Since automating moves in Turbonomic, we now see a green circle on the health of our hosts all the time. It has well paid for itself already."

**- Jonathan Murden, IT Infrastructure Manager
Portsmouth Hospitals NHS Trust**

ABOUT TURBONOMIC

Turbonomic delivers an autonomic platform where virtual and cloud environments self-manage in real-time to assure application performance. Turbonomic's patented decision engine dynamically analyzes application demand and allocates shared resources to maintain a continuous state of application health.

Launched in 2010, Turbonomic is one of the fastest growing technology companies in the virtualization and cloud space. Turbonomic's autonomic platform is trusted by thousands of enterprises to accelerate their adoption of virtual, cloud, and container deployments for all mission critical applications.